

## Design and Technology

### Intent:

St Matthews Design Technology's creative curriculum develops inspired learning through a clear progression of acquired skills taught through a sequence of well-planned lessons from the National Curriculum program of study. Children will know more, remember more and understand more.

Our extensive Design Technology curriculum promotes the spiritual, moral, cultural, mental and physical development of pupils and prepares them for the opportunities, responsibilities, and experiences for later life. Here at St Matthew's, we endeavour to develop spiritual relationships with God. Mental well-being flourishes through a positive learning experience that is inclusive of all children and where independent achievements are celebrated.

### Implementation

The Design Technology National Curriculum has been broken down into focused skill sections that have been mapped out in a clear line of progression and designated to each year group. The progression of skills taught ensure that children are aware of health and safety issues related to the tasks undertaken.

Teaching of Design and Technology projects follow a research, design, make and evaluate process. Each year group will undertake a construction topic, a materials topic and a food topic based upon the skills required.

Children will work both independently and collaboratively towards their goals. Children will support one another, problem solve and take pride in ownership of their designs and creations.

Clear cross-curricular links underpin learning in all areas across the curriculum giving the children opportunities to learn life skills and apply skills to 'hands on' situations in a purposeful context.

### Impact

Children will have clear enjoyment and confidence in Design and Technology that they will then apply to other areas of the curriculum.

Children will ultimately know more, remember more and understand more about Design Technology, demonstrating this knowledge when using tools or skills in other areas of the curriculum and in opportunities out of school.

Children will learn resilience through problem solving, improving their own designs and evaluating their work.

As designers and inspired learners, children will develop skills and attributes to prepare them to fulfil happy, respectful and rewarding lives.